

Clean Copy of Amended Claims

Sub B¹

1. (Amended) A method for deleting a nucleic acid sequence from a DNA molecule that has been introduced into an organism, whereby said sequence is deleted in a tissue-specific manner, said DNA molecule comprising a recombinase site, a tissue-specific promoter, a recombinase gene, a foreign DNA and a recombinase site, the method comprising growing said organism such that the tissue-specific promoter is active, said recombinase gene is expressed in the specified tissue and said foreign DNA is deleted.

Q¹

Q²
Sub C²

20. (Amended) A nucleic acid molecule comprising (a) a recombinase site, (b) a tissue-specific promoter, (c) a recombinase gene, (d) a foreign DNA and (e) a recombinase site.

Sub B³
Q³

24. (Amended) The molecule of claim 20, wherein said molecule further comprises a gene which is desired to be expressed in an organism.

27. (Amended) The molecule of claim 25, wherein said molecule further comprises a gene which is desired to be expressed in an organism.

28. (Amended) The molecule of claim 26, wherein said molecule further comprises a gene which is desired to be expressed in an organism.

Q⁴

29. (Amended) The molecule of claim 20, wherein said foreign DNA is heterologous DNA.

30. (Amended) The molecule of claim 25, wherein said foreign DNA is heterologous DNA.

31. (Amended) The molecule of claim 26, wherein said foreign DNA is heterologous DNA.

Sub B⁴

32. (Amended) The molecule of claim 20, wherein said foreign DNA is a wild-type allele or fragment thereof of a gene for use in gene therapy.

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Q4 33. (Amended) The molecule of claim 25, wherein said foreign DNA is a wild-type allele or fragment thereof of a gene for use in gene therapy.

B 34. (Amended) The molecule of claim 26, wherein said foreign DNA is a wild-type allele or fragment thereof of a gene for use in gene therapy.
